



PATENT APPLICATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yoshihiro TSUCHIYA et al.

Group Art Unit: 2653

Application No.: 09/769,760

Examiner: G. Letscher

Filed: January 26, 2001

Docket No.: 108337

For: MAGNETIC TRANSDUCER, THIN FILM MAGNETIC HEAD, METHOD OF
MANUFACTURING MAGNETIC TRANSDUCER AND METHOD OF
MANUFACTURING THIN FILM MAGNETIC HEAD

SUPPLEMENTAL PRELIMINARY AMENDMENT

RECEIVED

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

JAN 09 2003
Technology Center 2600

Sir:

Prior to initial examination and in addition to the December 9, 2002 Preliminary
Amendment filed in response to the November 8, 2002 Restriction/Election Requirement,
please supplementally amend the above-identified application as follows:

IN THE CLAIMS:

✓ ✓ ✓ ✓
Please cancel claims 35-46 and 48-50 without prejudice to or disclaimer of the subject
matter contained therein.

✓ ✓
Please amend claims 28, 34 and 47 as follows:

28. (Amended) A magnetic transducer, comprising:

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- a nonmagnetic layer having a pair of surfaces opposing each other;
 - a soft magnetic layer formed on one surface of the nonmagnetic layer;
 - a ferromagnetic layer formed on the other surface of the nonmagnetic layer;
 - an antiferromagnetic layer formed on the ferromagnetic layer on the side
opposite to the nonmagnetic layer;
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